

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044968.D
 Acq On : 29 Sep 2021 02:32
 Operator : SY/MD
 Sample : M3920-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-092321

Quant Time: Sep 29 05:50:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

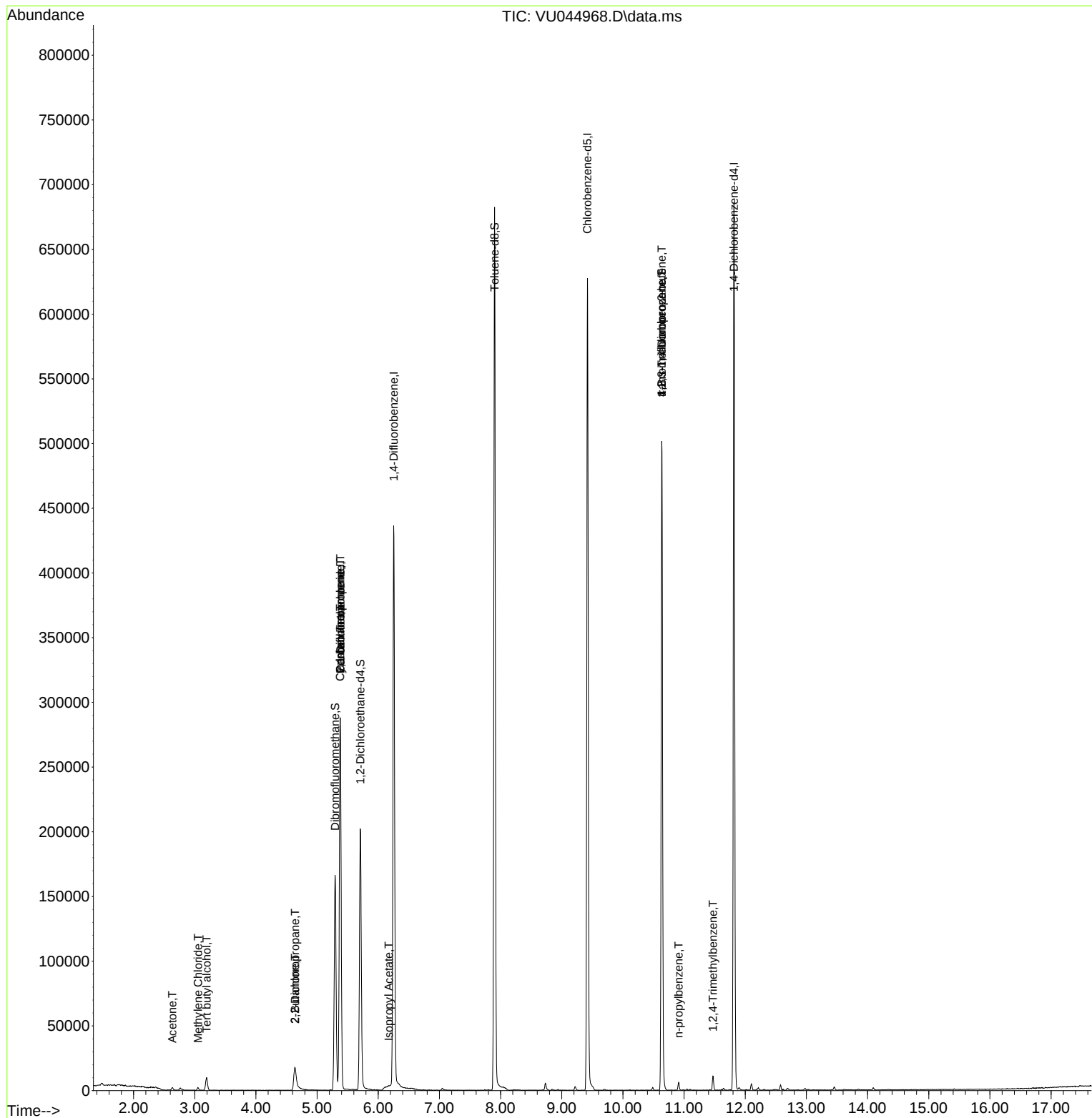
Internal Standards						
1) Pentafluorobenzene	5.378	168	188451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	334891	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	331041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	165836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	154524	49.258	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.520%
35) Dibromofluoromethane	5.295	113	108125	51.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.360%
50) Toluene-d8	7.902	98	435248	52.143	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.280%
62) 4-Bromofluorobenzene	10.635	95	167009	48.462	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.195	59	6296	6.993	ug/l #	72
16) Acetone	2.633	43	2812	1.510	ug/l	96
20) Methylene Chloride	3.054	84	1044	0.372	ug/l	88
25) 2-Butanone	4.642	43	836	0.316	ug/l #	48
26) 2,2-Dichloropropane	4.642	77	1269	0.310	ug/l #	54
31) Cyclohexane	5.375	56	5112	1.073	ug/l #	1
36) 1,1-Dichloropropene	5.378	75	17966	5.130	ug/l #	49
38) Carbon Tetrachloride	5.378	117	19860	6.553	ug/l #	15
43) Isopropyl Acetate	6.173	43	5571	0.799	ug/l #	61
76) 1,2,3-Trichloropropane	10.635	75	90773	18.766	ug/l #	41
78) n-propylbenzene	10.912	91	5355	0.356	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.635	75	90773	52.078	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.475	105	6487	0.606	ug/l	99

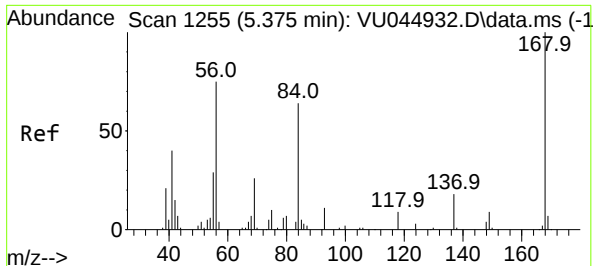
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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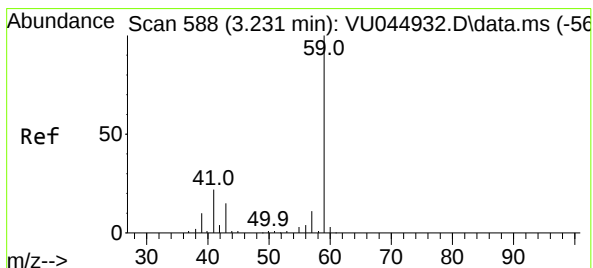
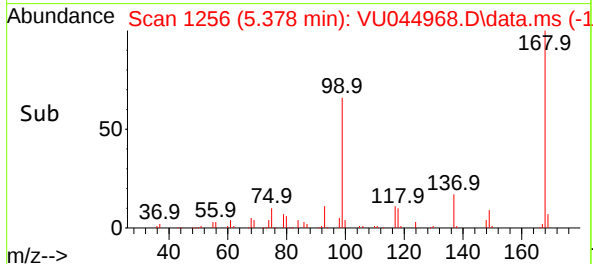
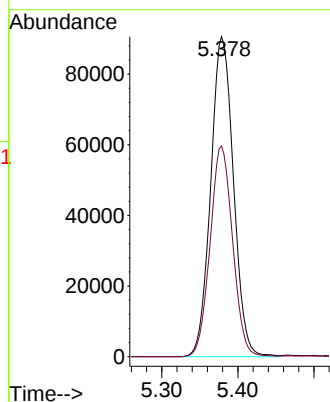
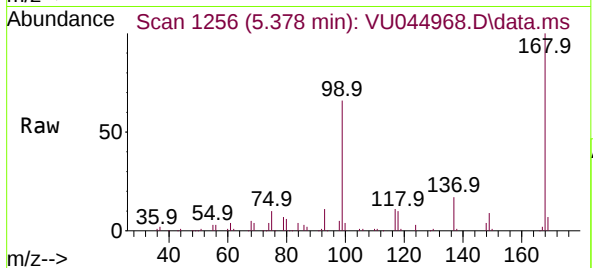




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044968.D
Acq: 29 Sep 2021 02:32

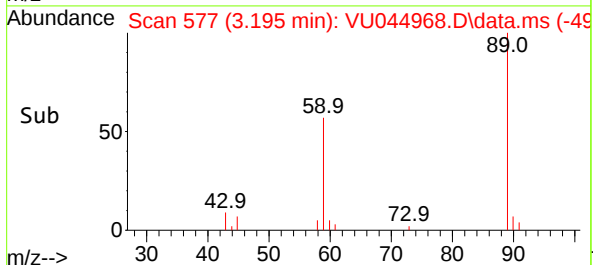
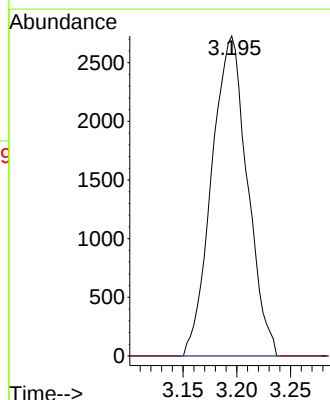
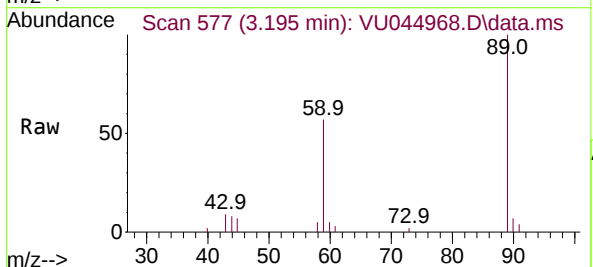
Instrument :
MSVOA_U
ClientSampleId :
TB-01-092321

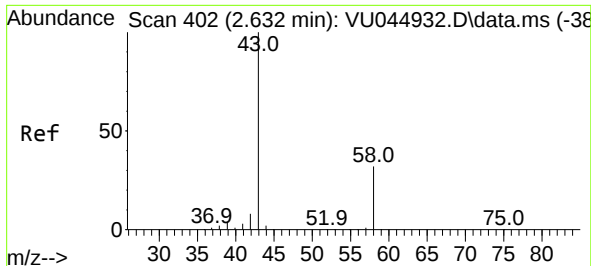
Tgt Ion:168 Resp: 188451
Ion Ratio Lower Upper
168 100
99 65.9 51.4 77.0



#11
Tert butyl alcohol
Concen: 6.993 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.036 min
Lab File: VU044968.D
Acq: 29 Sep 2021 02:32

Tgt Ion: 59 Resp: 6296
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 1.510 ug/l

RT: 2.633 min Scan# 402

Delta R.T. 0.001 min

Lab File: VU044968.D

Acq: 29 Sep 2021 02:32

Instrument :

MSVOA_U

ClientSampleId :

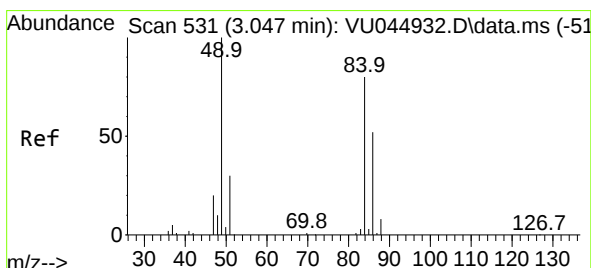
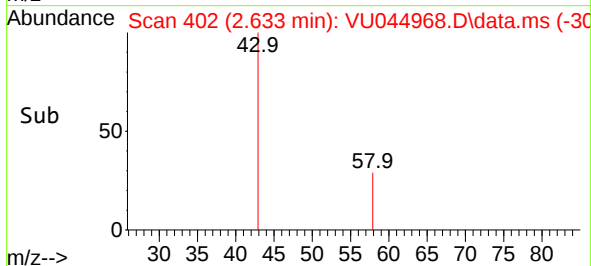
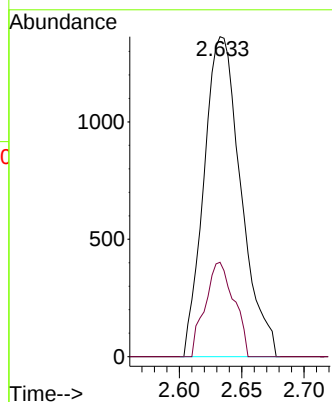
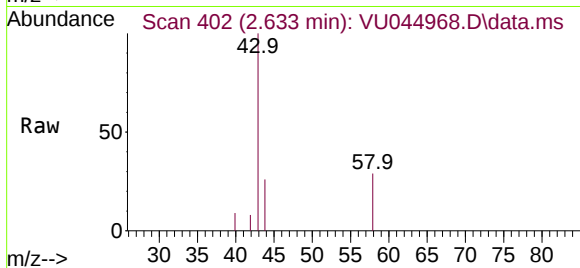
TB-01-092321

Tgt Ion: 43 Resp: 2812

Ion Ratio Lower Upper

43 100

58 29.5 25.2 37.8



#20

Methylene Chloride

Concen: 0.372 ug/l

RT: 3.054 min Scan# 533

Delta R.T. 0.007 min

Lab File: VU044968.D

Acq: 29 Sep 2021 02:32

Tgt Ion: 84 Resp: 1044

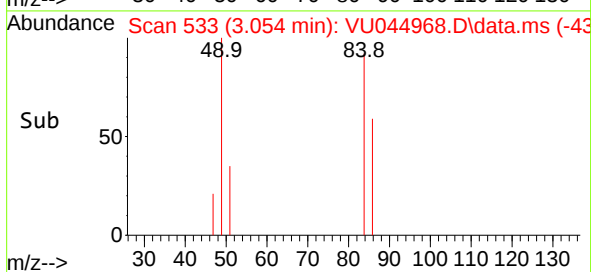
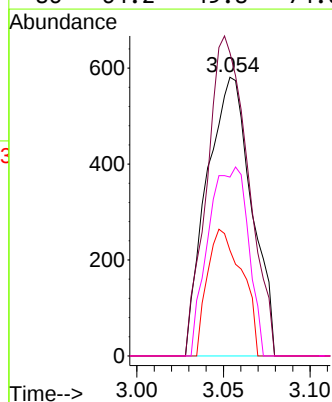
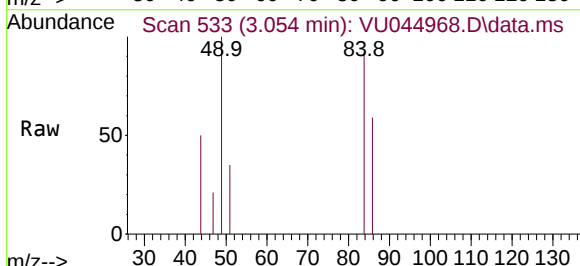
Ion Ratio Lower Upper

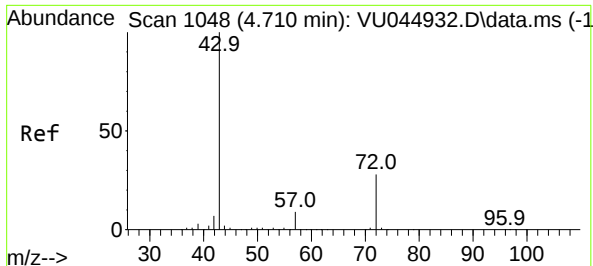
84 100

49 108.8 104.9 157.3

51 37.9 31.8 47.8

86 64.2 49.8 74.6





#25

2-Butanone

Concen: 0.316 ug/l

RT: 4.642 min Scan# 1027

Delta R.T. -0.068 min

Lab File: VU044968.D

Acq: 29 Sep 2021 02:32

Instrument :

MSVOA_U

ClientSampleId :

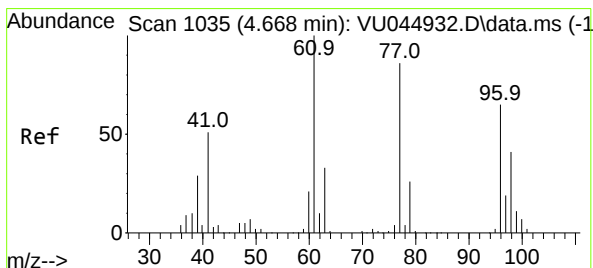
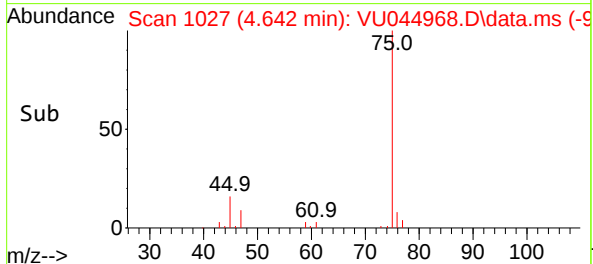
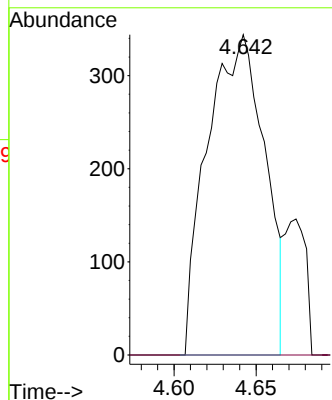
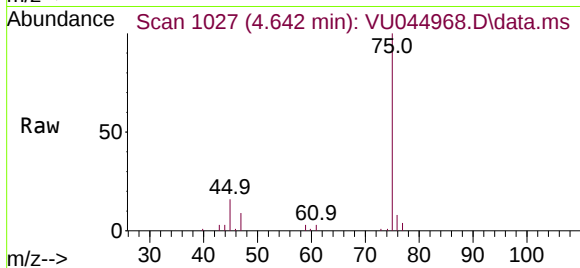
TB-01-092321

Tgt Ion: 43 Resp: 836

Ion Ratio Lower Upper

43 100

72 0.0 21.3 31.9#



#26

2,2-Dichloropropane

Concen: 0.310 ug/l

RT: 4.642 min Scan# 1027

Delta R.T. -0.026 min

Lab File: VU044968.D

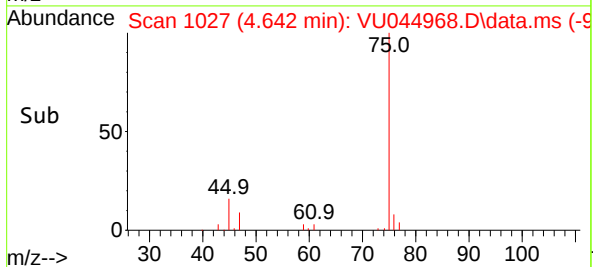
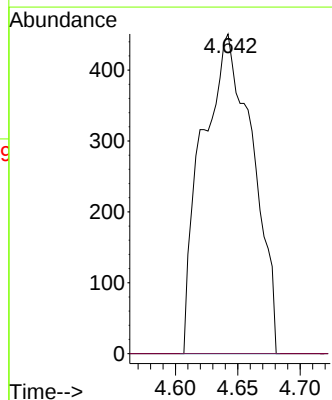
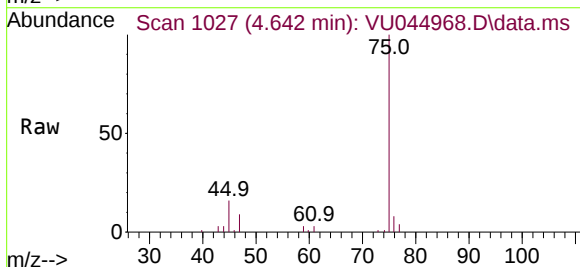
Acq: 29 Sep 2021 02:32

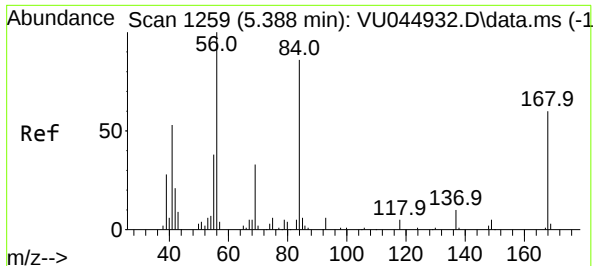
Tgt Ion: 77 Resp: 1269

Ion Ratio Lower Upper

77 100

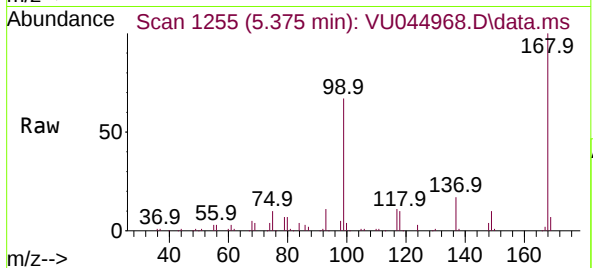
97 0.0 10.8 32.4#



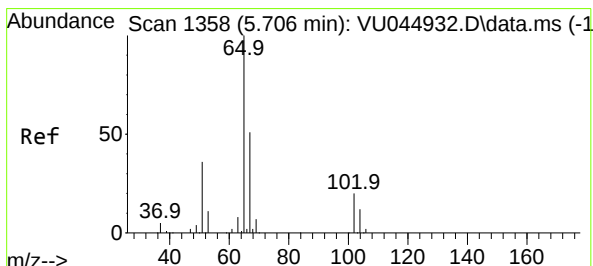
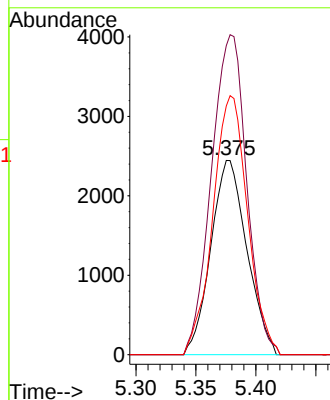
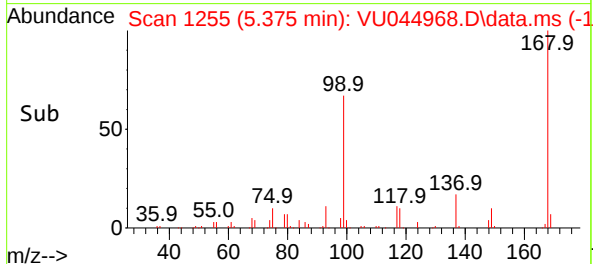


#31
Cyclohexane
Concen: 1.073 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.013 min
Lab File: VU044968.D
Acq: 29 Sep 2021 02:32

Instrument :
MSVOA_U
ClientSampleId :
TB-01-092321

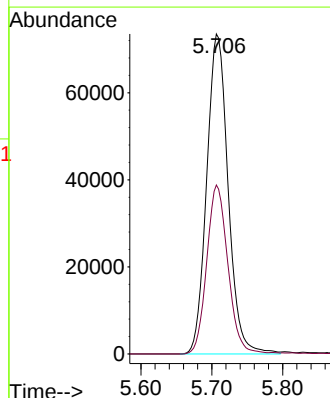
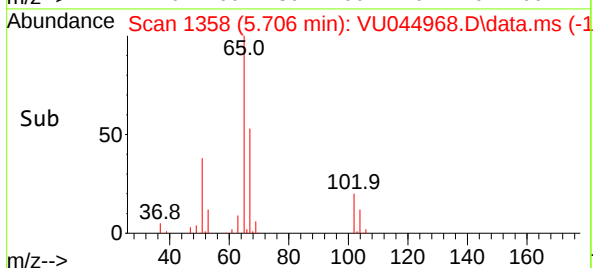
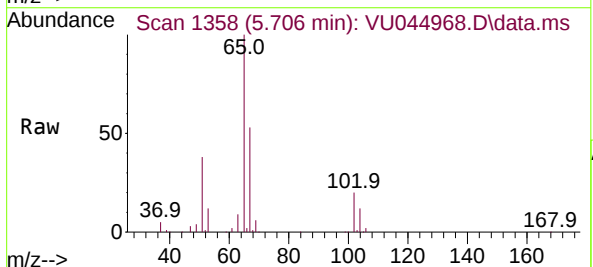


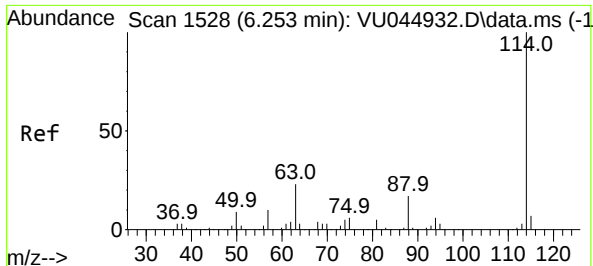
Tgt Ion: 56 Resp: 5112
Ion Ratio Lower Upper
56 100
69 159.0 25.2 37.8#
84 128.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 49.258 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044968.D
Acq: 29 Sep 2021 02:32

Tgt Ion: 65 Resp: 154524
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU044968.D

Acq: 29 Sep 2021 02:32

Instrument :

MSVOA_U

ClientSampleId :

TB-01-092321

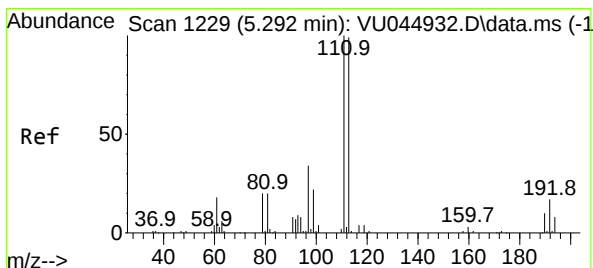
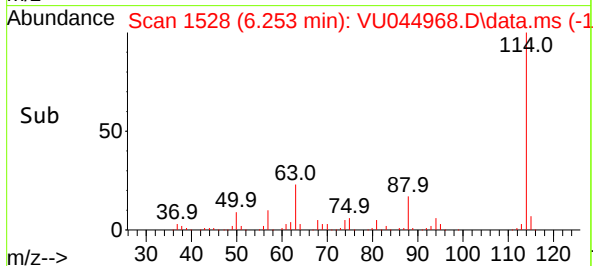
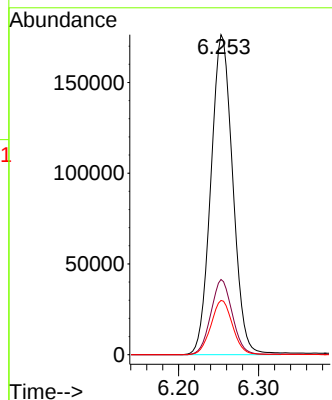
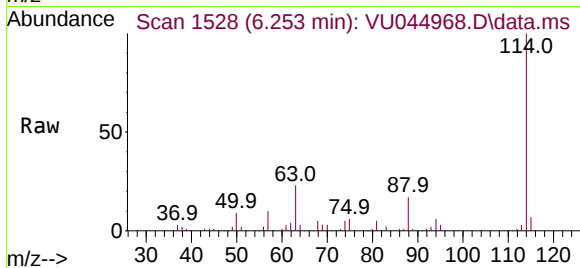
Tgt Ion:114 Resp: 334891

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.8

88 16.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.181 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU044968.D

Acq: 29 Sep 2021 02:32

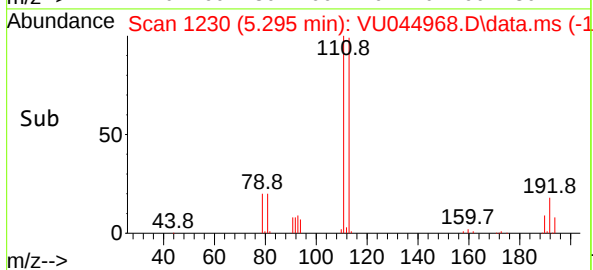
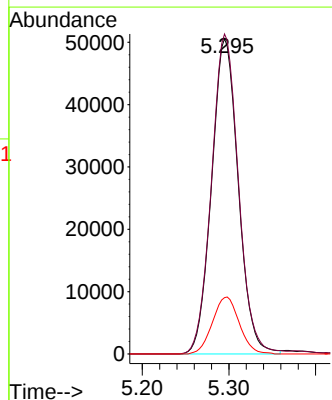
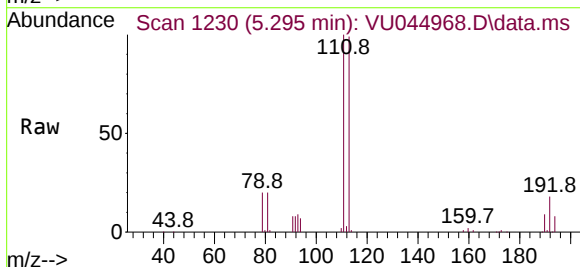
Tgt Ion:113 Resp: 108125

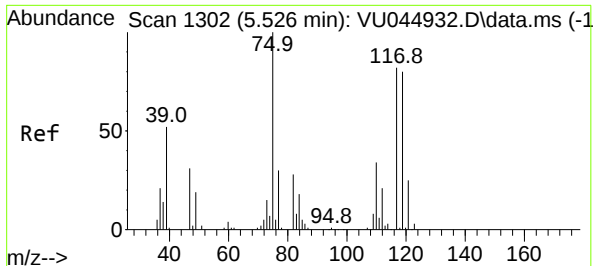
Ion Ratio Lower Upper

113 100

111 102.7 84.1 126.1

192 18.2 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.130 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.148 min

Lab File: VU044968.D

Acq: 29 Sep 2021 02:32

Instrument :

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ClientSampleId :

TB-01-092321

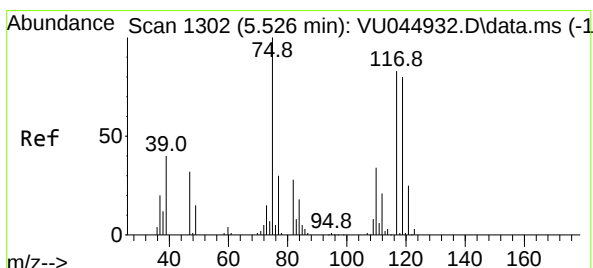
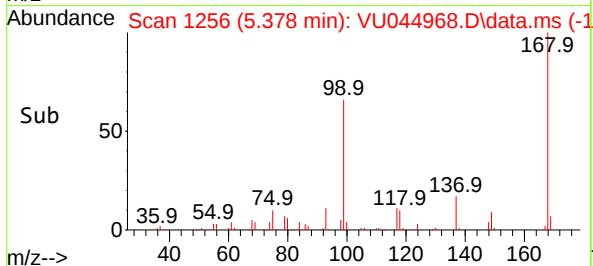
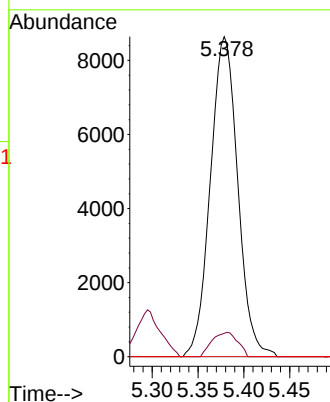
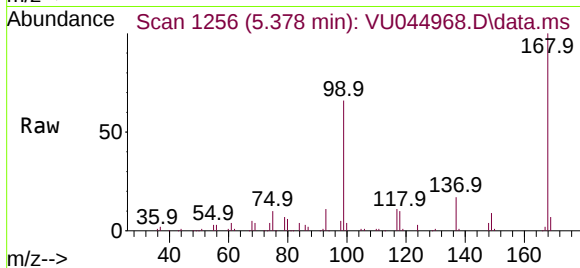
Tgt Ion: 75 Resp: 17966

Ion Ratio Lower Upper

75 100

110 7.1 16.3 48.9#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.553 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.148 min

Lab File: VU044968.D

Acq: 29 Sep 2021 02:32

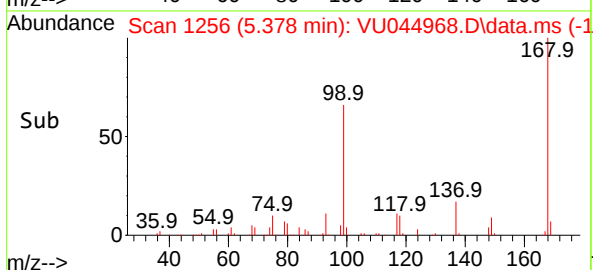
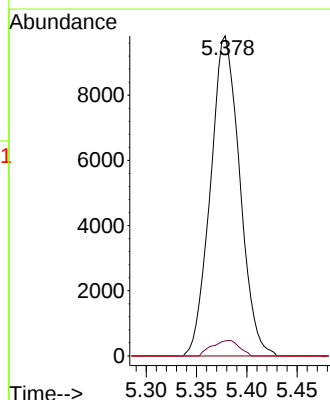
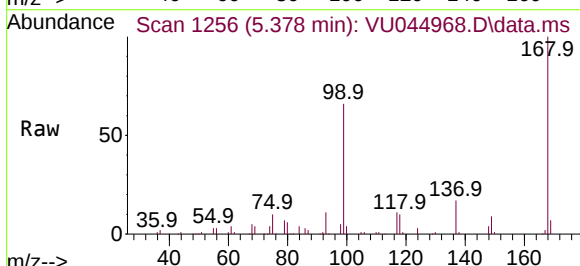
Tgt Ion: 117 Resp: 19860

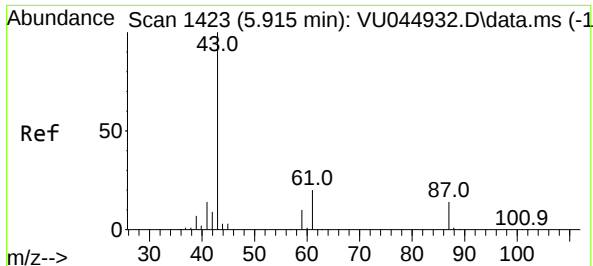
Ion Ratio Lower Upper

117 100

119 4.7 77.4 116.2#

121 0.0 24.5 36.7#





#43

Isopropyl Acetate

Concen: 0.799 ug/l

RT: 6.173 min Scan# 1

Delta R.T. 0.258 min

Lab File: VU044968.D

Acq: 29 Sep 2021 02:32

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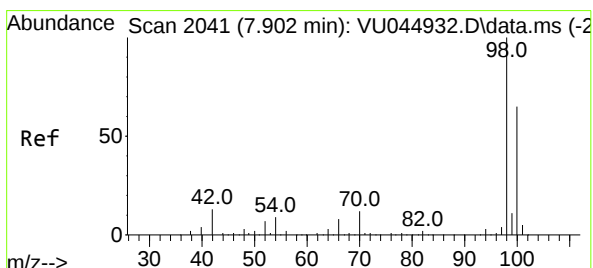
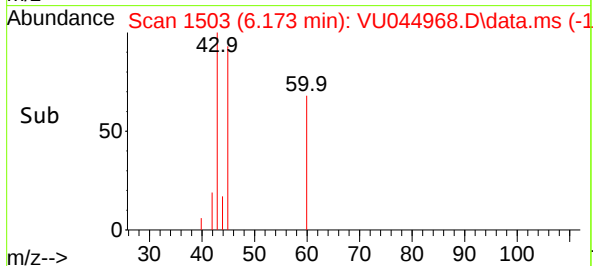
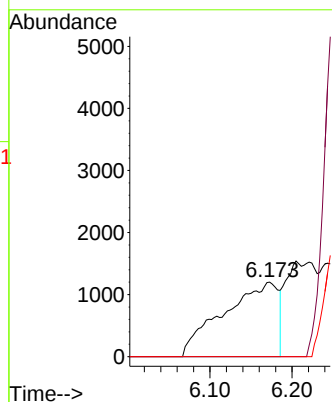
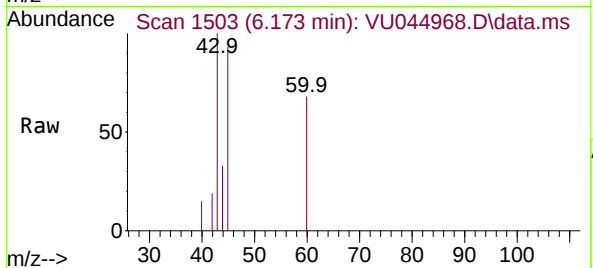
Tgt Ion: 43 Resp: 5571

Ion Ratio Lower Upper

43 100

61 0.0 16.1 24.1#

87 0.0 10.3 15.5#



#50

Toluene-d8

Concen: 52.143 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VU044968.D

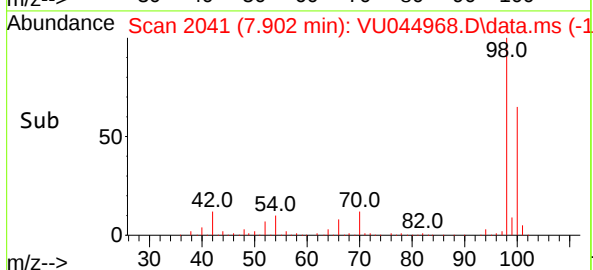
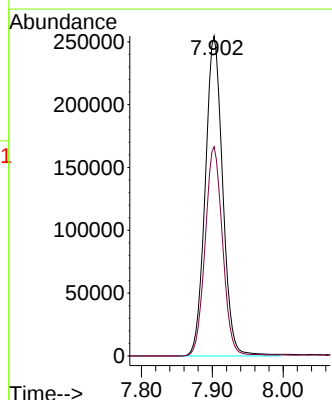
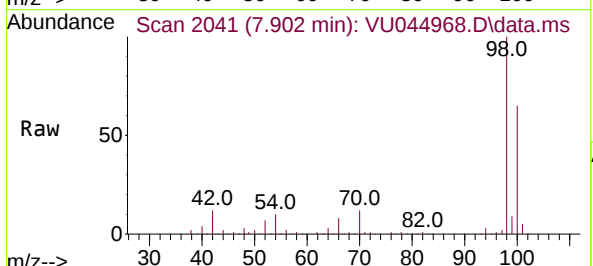
Acq: 29 Sep 2021 02:32

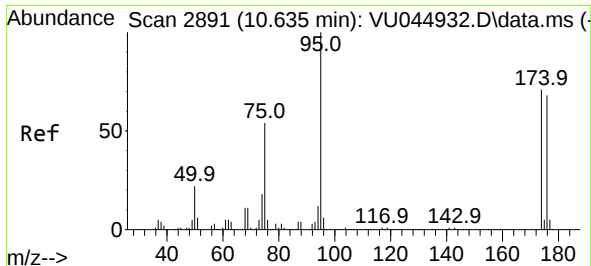
Tgt Ion: 98 Resp: 435248

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7

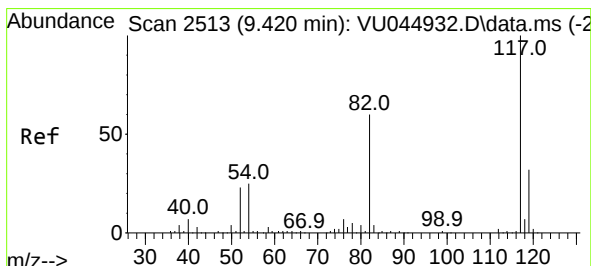
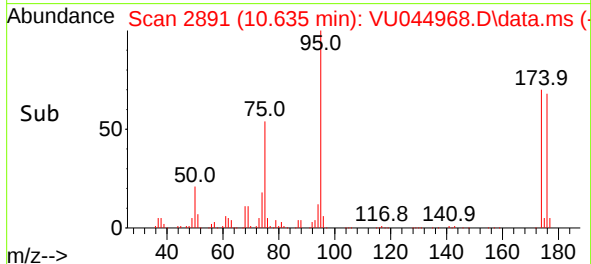
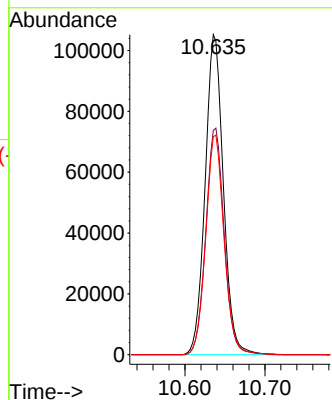
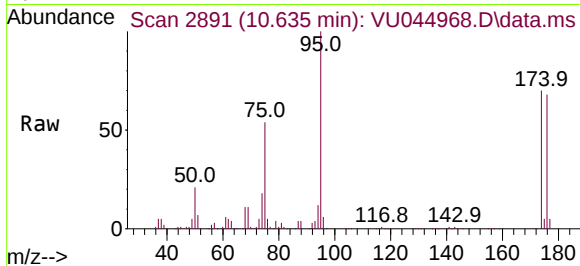




#62
4-Bromofluorobenzene
Concen: 48.462 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044968.D
Acq: 29 Sep 2021 02:32

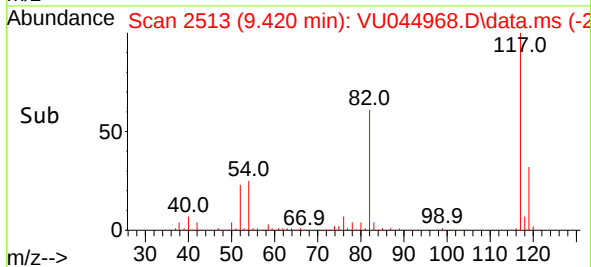
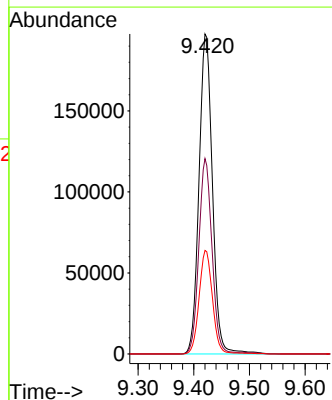
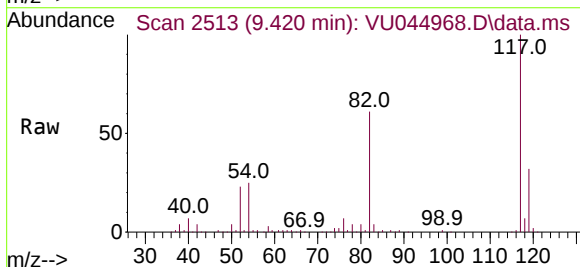
Instrument :
MSVOA_U
ClientSampleId :
TB-01-092321

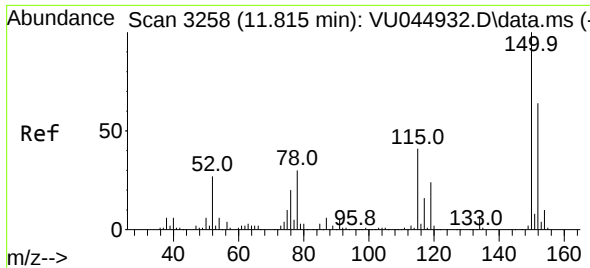
Tgt Ion: 95 Resp: 167009
Ion Ratio Lower Upper
95 100
174 71.6 0.0 146.6
176 69.0 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044968.D
Acq: 29 Sep 2021 02:32

Tgt Ion: 117 Resp: 331041
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 32.4 25.8 38.6

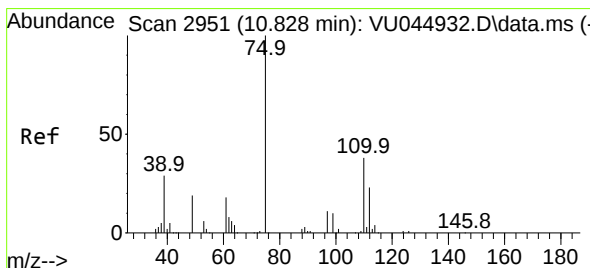
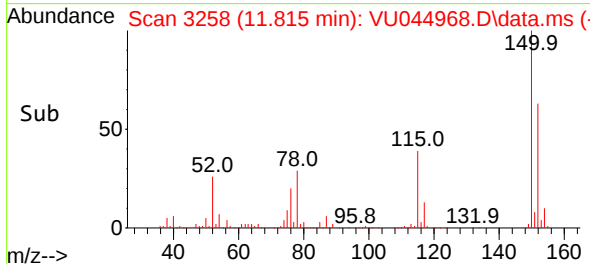
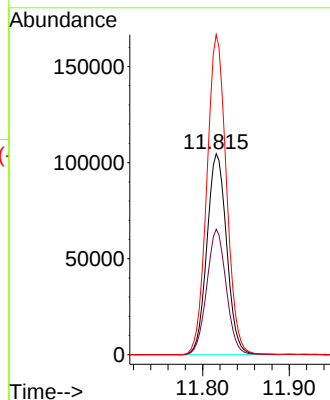
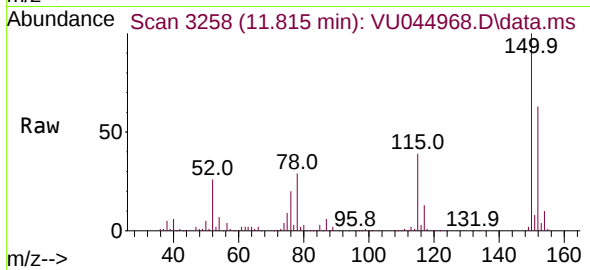




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU044968.D
 Acq: 29 Sep 2021 02:32

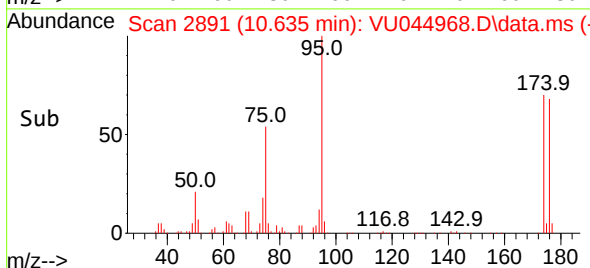
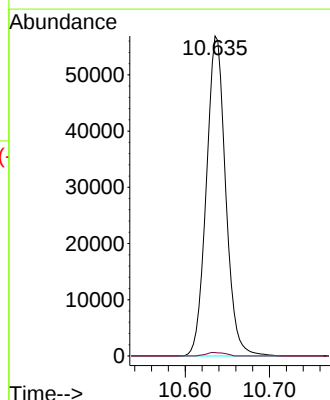
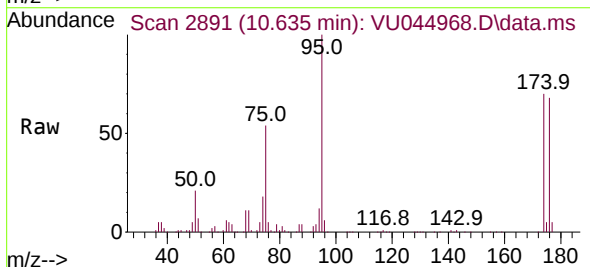
Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-092321

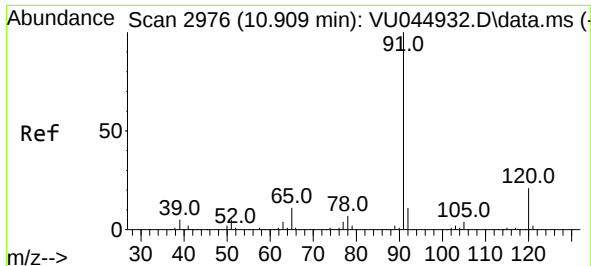
Tgt Ion:152 Resp: 165836
 Ion Ratio Lower Upper
 152 100
 115 61.7 43.5 130.7
 150 157.4 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 18.766 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.193 min
 Lab File: VU044968.D
 Acq: 29 Sep 2021 02:32

Tgt Ion: 75 Resp: 90773
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.9 53.7#

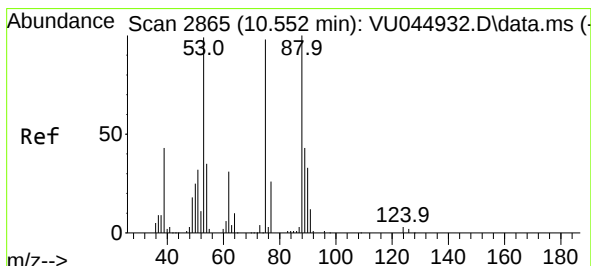
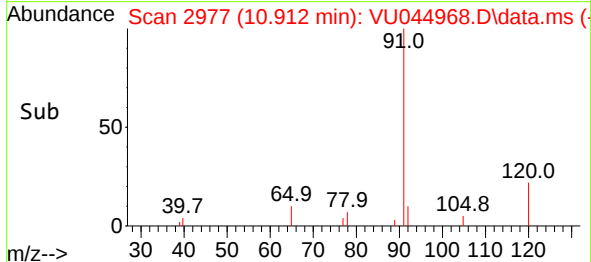
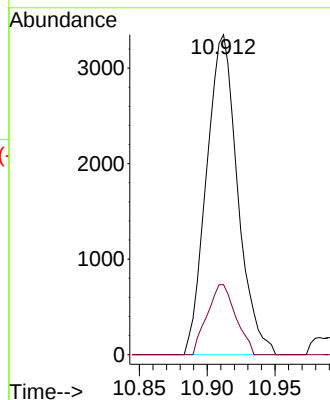
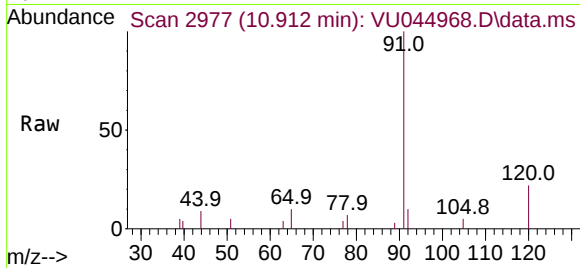




#78
n-propylbenzene
Concen: 0.356 ug/l
RT: 10.912 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU044968.D
Acq: 29 Sep 2021 02:32

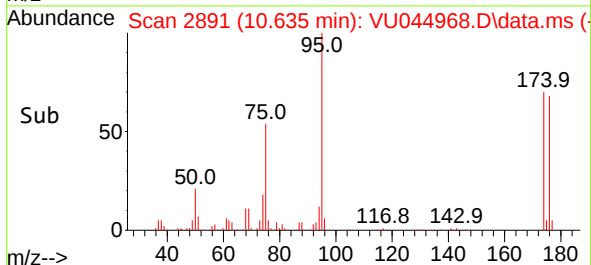
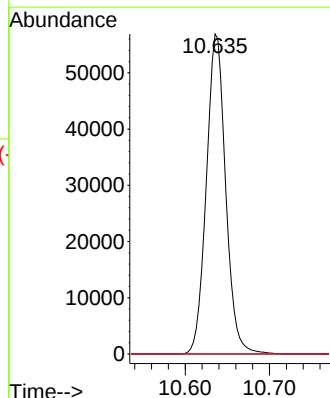
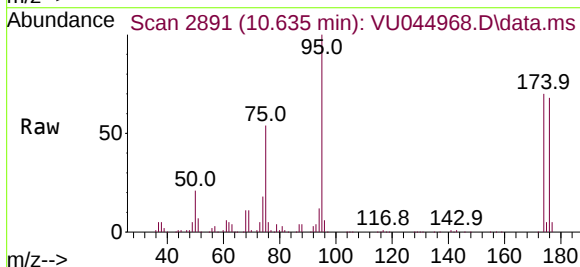
Instrument :
MSVOA_U
ClientSampleId :
TB-01-092321

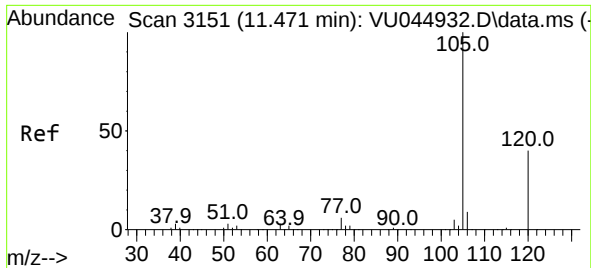
Tgt Ion: 91 Resp: 5355
Ion Ratio Lower Upper
91 100
120 20.0 10.8 32.4



#81
trans-1,4-Dichloro-2-butene
Concen: 52.078 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.083 min
Lab File: VU044968.D
Acq: 29 Sep 2021 02:32

Tgt Ion: 75 Resp: 90773
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.606 ug/l
 RT: 11.475 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: VU044968.D
 Acq: 29 Sep 2021 02:32

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-092321

Tgt Ion:105 Resp: 6487
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3

